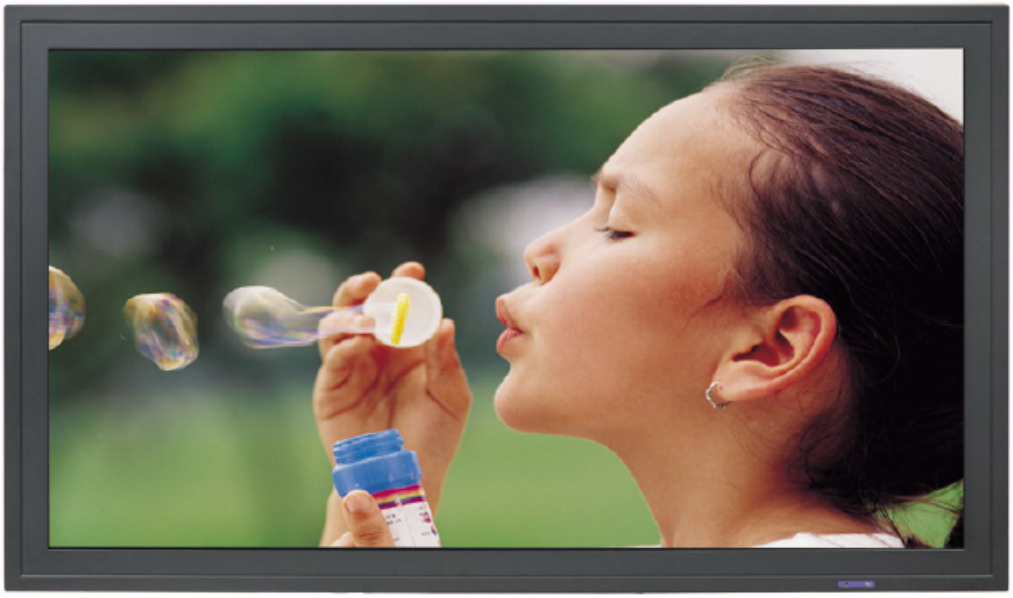
QDSD-4700

47" High-Definition LCD Display

User's Guide



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※ Please read this user's manual cautiously and completely before operating this monitor.

Important Safety Instructions

Before using the monitor, please read this user's manual thoroughly to help protect against damage your own and other people's property from potential damage and ensure your own and other people personal safety.

- Be sure to observe the following instructions with understood meaning below.
- For your safety, be sure to observe the safety notice in this manual.
- The installation or adjustment, please follow this manual instructions or refer to all servicing to qualified service personnel.

Safety Precautions

If smoke or peculiar smell comes from the monitor, remove the power plug from the outlet immediately .

If the monitor is still used in this condition, it may cause a fire or an electrical shock.

Make sure that the smoke or smell stopped, then contact your dealer for inspection.

If there isn't picture, remove the power plug from the outlet immediately .

If the monitor is still used in this condition, it may cause a fire or an electrical shock.

Contact your dealer for inspection .

If water is spilled or objects are dropped into the monitor, remove the power plug from the outlet immediately.

If the monitor is still used in this condition, it may cause a fire or an electrical shock.

Contact your dealer for inspection.

If the monitor is dropped or the cabinet is damaged, remove the power plug from the outlet immediately.

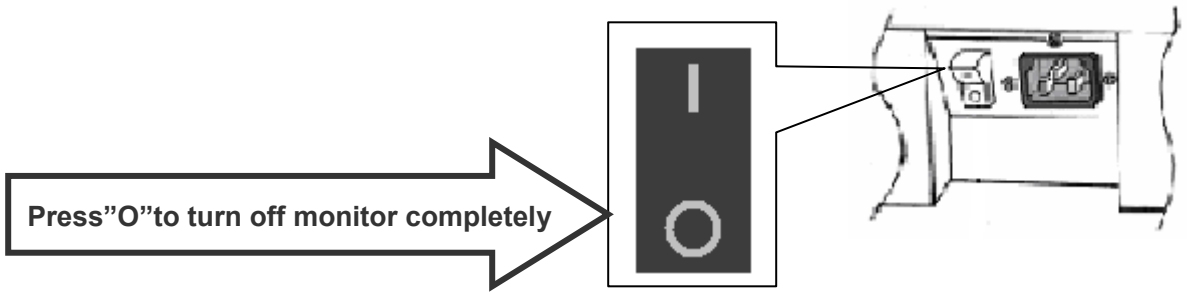
If the monitor is still used in this condition, if may cause a fire or an electrical shock.

Contact your dealer for inspection.

To turn off the power of the monitor, press "O" on the main power switch at back cover.

The power standby/on indicator goes off and the set cannot to be turned on/ off by using the POWER button on the remote control. (To turn on/off the monitor by the remote control, press the main power switch again and light the power standby/on indicator.)

- When turning off the monitor by pressing the POWER button on the remote control, the main power of the monitor is not turned off completely.
- To disconnect the monitor completely from power supply, remove the power plug from the outlet.



If the power cord or plug is damaged or becomes hot, turn off the main power switch of the monitor, make sure the power plug has cooled down and remove the power plug from the outlet .

If the monitor is still used in this condition, it may cause a fire or an electrical shock.

Contact your dealer for replacement.

Installation (when install the monitor, please follow the instruction on the manual)

Don't install in the high-temperature environment.

If the monitor used in high-temperature or in direct sunlight, it may cause the case or other parts be distorted, damaged, overheating or an electric shock.

Don't install in the high-humidity environment such as a bathroom or close to a humidifier.

This may cause overheating or an electric shock.

Don't install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

This may cause a fire or an electric shock.

Don't overload outlets or cables beyond electricity capacity.

Don't use extension cords, it may cause a fire or an electric shock.

Don't insert the power plug into an outlet other than 100~240V AC.

This may cause a fire or an electric shock.

- Don’t use a damaged power plug or worn outlet.
- Don’t insert the improper power plug, it may cause a fire and an electric shock.

Don't place the monitor on an unstable shelf or desk, such as a shaky table.

The monitor may fall down and cause injury damage. Please install on a horizontal, stable surface.

Don't place objects on the monitor.

- If the monitor is covered under the newspaper, tablecloth or curtain, the monitor vent could be clogged, and it may make the monitor overheating and cause the fire.
- If metal or liquid (putting the vase, glass or the cosmetics) get into the monitor, it may cause a fire or an electrical shock.
- If you put the heavy object on the monitor, it may fall down and cause the injury
- Please Keep 10cm minimum distance between the monitor and the wall for sufficient ventilation.

Don't move the monitor when it’s connecting power cord and cables.

- When moving the monitor, make sure to take off the power plug and cables from the outlet or sync source. If not, a fire and an electric shock may occur. If the power plug is damaged, injury may result from the monitor fall down.
- When unpacking or carrying the monitor, at least 2 people are needed. Make sure the monitor is upright.
- When moving or putting the monitor, avoiding to face the monitor up or down.
- Handle the monitor so as not to jolt the monitor.

Use

When getting problem at installation, please contact your distributor to install for you. Don’t repair or open the monitor by yourself.

It may cause a fire or an electric shock. The monitor repair, please ask your distributor.

Protect and correctly use the power cord/ plug.

- Don't heavy press the power cord/ plug, don't step on the power cord/plug.
- Connect the power cord and the monitor, before insert the power plug into the wall outlet.
- Don't operate the monitor with a damaged power cord, otherwise the monitor will be damaged.

Using the extension line precautions

If use the extension line, the current power of the voltage should be equal to the power consumption of the monitor at least, if the power of the voltage is smaller than the monitor, it will cause the overheated phenomenon.

If there is thunder or lightning, don’t touch the monitor or the power plug.

This may cause an electric shock.

When remove the power plug from outlet on wall, don't revolve the power cord.

This may cause the power cord damaged. When take off the power plug, please hold the plug, don’t revolve.

Don’t sprinkle any kind of liquid on the monitor.

- If the monitor is sprinkled by any kind of liquid, please be sure to take off the power plug and ask a qualified service personnel to check the monitor.
- If the monitor’s surface is touched be water, please clean it with a dry and soft cloth immediately.
- Don’t sprinkle volatile liquid on the monitor such as insecticide.
- If the liquid enter the monitor, it may cause the electrical failure.

Don’t insert or take off the power plug with wet hands.

This may cause an electric shock.

If the monitor isn’t in use for a long time, for safety, please take off the power plug.

This may cause breakdown, or it may cause a fire.

If the monitor isn’t in use for a long time, take off the power plug and store it in the proper package. The original carton and packing should be used, if possible.

Don’t compress on the monitor panel.

This may cause personnel injury or panel damage and break-down.

Don't push or shake the monitor.

This may cause breakdown and the injury.

- If the glass of the monitor panel is broken, liquid crystals may transude. Please don't touch the liquid crystals.
- If liquid crystals get into your eyes or touch your skin, wash with the clean water and go to a doctor immediately.

This product contains, including lead (it cause birth defects or other reproductive harm.)

After handing, please wash the hands.

Precautions for the remote control batteries..

- Please only use the specified battery type AAA.
- Please be sure to insert batteries by matching the ＋ and—.
- Don’t recharge, heat, disassemble, short or throw batteries into a fire.
- Don’t mix a new battery with a used one.
- Don’t mix different types of batteries together (only use the specified type). Or, it may cause a burn and an injury.

Clean

If dust has collected on the power plug, removed the plug from the outlet and clean off the dust.

The dust may cause a fire due to reduced insulation of the plug.

Take off the power plug before cleaning.

If not, it may cause an electric shock. Don’t revolve the power cord and the plug from the outlet.

Or, it may cause an electric shock.

Cleaning the surface of the monitor.

- When the surface of the monitor is polluted, please wipe the surface with the cotton or clean cloth lightly.
- If pollution is not easy to clean out, can use the cloth with 50% of the alcohol .
- Please notice carefully that not to alcohol enter the monitor, it may cause electrical failures.

Warning For Use

On using

- The monitor may produced overheat phenomenon during operation. Please be careful.
- In case of the moving of long distance, please wrap the monitor with blanket to avoid damages. Please be careful not to bump to the monitor.
- Don't expose in the rubber or vinyl for a long time. It will damage the coating.

Exemptions

- This product isn’t liable for any damage by natural disaster (such as earthquake, thunder, etc), fire, acts by third parties, accidents, owner’s intentional misuse and fault, or uses in other improper conditions.
- This product isn’t liable for incidental damages (such as profit loss or interruption in business, modification or erasure of record data, etc.) caused by use or inability to use of this product.
- This product isn’t liable for any damage cause by inappropriate operation, or not follows the user manual.
- This product isn’t liable for any damage cause by misuse or malfunction through simultaneous use of this product and the connected equipment or software.
- This product isn’t liable for any damage cause by neglect of the instructions described about installation.
- This product isn’t liable for any damage cause by improper installation.
- This product isn’t liable for any damage cause by disassembled, modified or maintained by non- authorized service center or people.

Features

High-resolution HD panel

This monitor supports 1920 x 1080 HDTV format and can display true 16.7M colors, you can enjoy extreme fine pictures.

MVA system less-reflection black TFT LCD panel

MVA system and Black TFT LCD panel offer bright and wide images with clear contrast. Even placed near the windows, the monitor shows bright and clear image with little reflection. The viewing angles of the monitor are as wide as 176° both horizontally and vertically, enough to enjoy clear images at any view angle.

Offer varieties of connection

Video system Input: There are 3 choices of connection	**RGB Input:** There are 2 choices of connection	**Signal delivery**
VIDEO RCA S-VIDEO Mini Din 4 pin COMPONENT Mini Din 8 pin Audio (R/L) RCA	RGB ANALOG D-Sub 15pin RGB DIGITAL DVI-ID 24pin	RS-232C in D-sub 9pin (Option)

Other functions

- Building the light sensor inside, the monitor will adjust the brightness according to the surrounding light intensity.
- There are two brightness levels pre-set. Under the bright condition, it will adjust to the bright mode. Under the dim condition, the monitor will adjust to dim mode automatically.
- Signal source auto detection.
- PIP/ PAP function. Please see the chapter "**Display mode** "
- Zoom in/out function.
- Amplifier can support to 4ohm-8W external speaker.
- The monitor has been designed to connect external device as optional Industrial PC with 120 Watt maximum on AC socket or choose to use suitable DVD player within "DC 12V" voltage and "2A" current on the AC connection plug maximum output of this monitor power adapter.

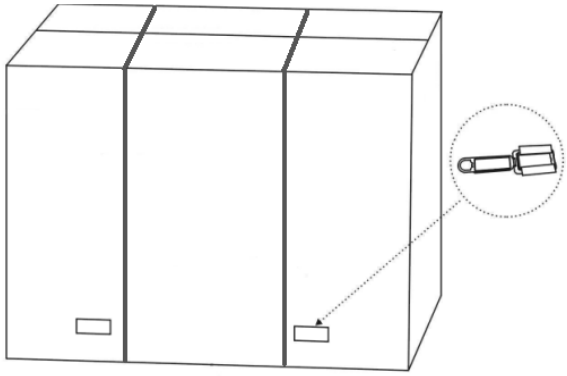
Package Contents

Unpacking

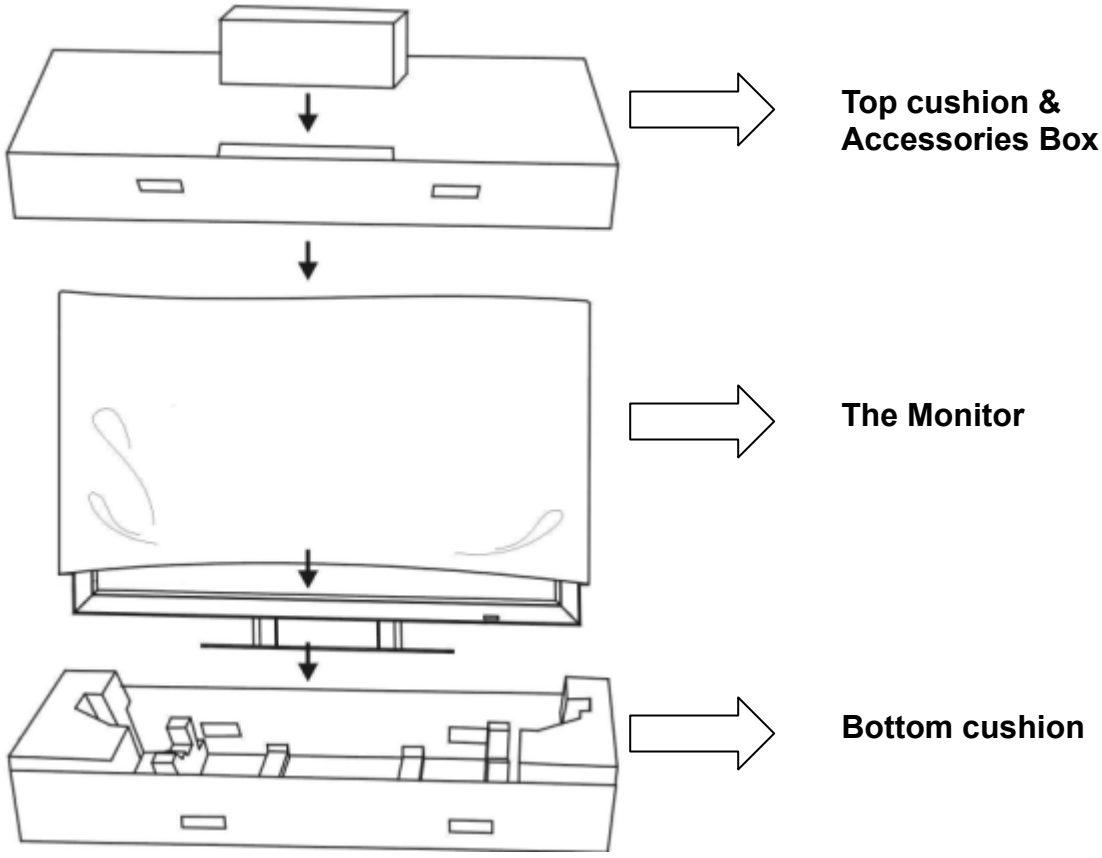
QDSD-4700 is packed by the carton box. During transportation, in order to protect the monitor, QDSD-4700 is packed by cushions to be safe protect and package.

Before unpacking your monitor, prepare a stable, level, and clean surface near a wall outlet for your monitor. Set the LCD Monitor box in an upright position and open from the top of the box before removing the top cushions.

- Step 1: Remove the white handle and cut the bundle



- Step 2: Remove the top cushion and take the accessories box out.

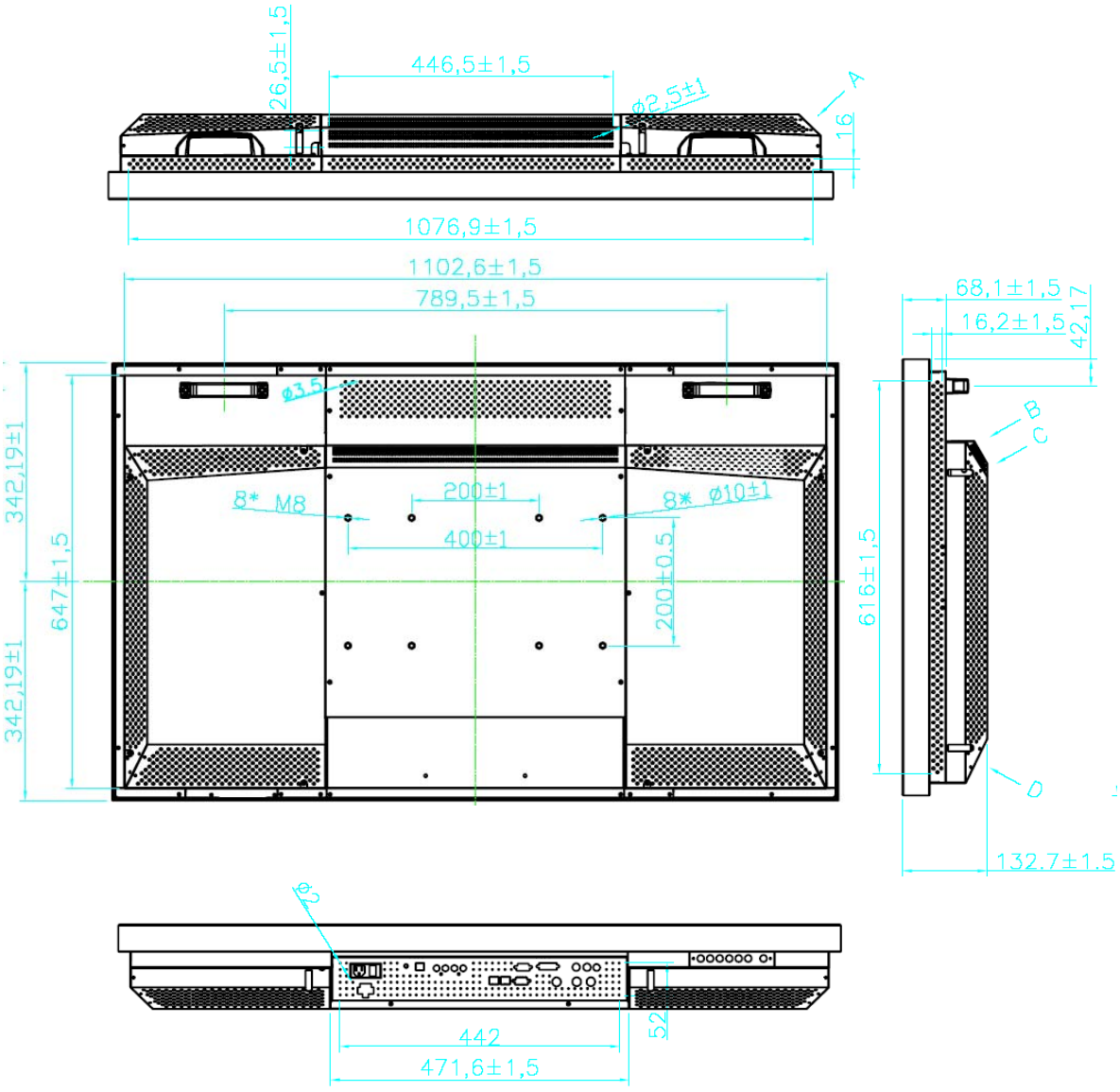


Packing list

Q'ty	Item	Q'ty	Item
1 set	QDSD-4700	1 pcs	DVI-D 24 pin cable
1 pcs	Power cord	1 pcs	D-SUB 15pin cable
1 pcs	User's manual	1 pcs	S-VIDEO Mini Din 4 pin cable
1 pcs	Remote controller	1 pcs	Component Mini Din 8 pin cable
1 pcs	RCA cable	1 pcs	RS232C D-sub 9pin cable (Option)

Dimension

Dimension without stand (standard)



Installation

Environmental state

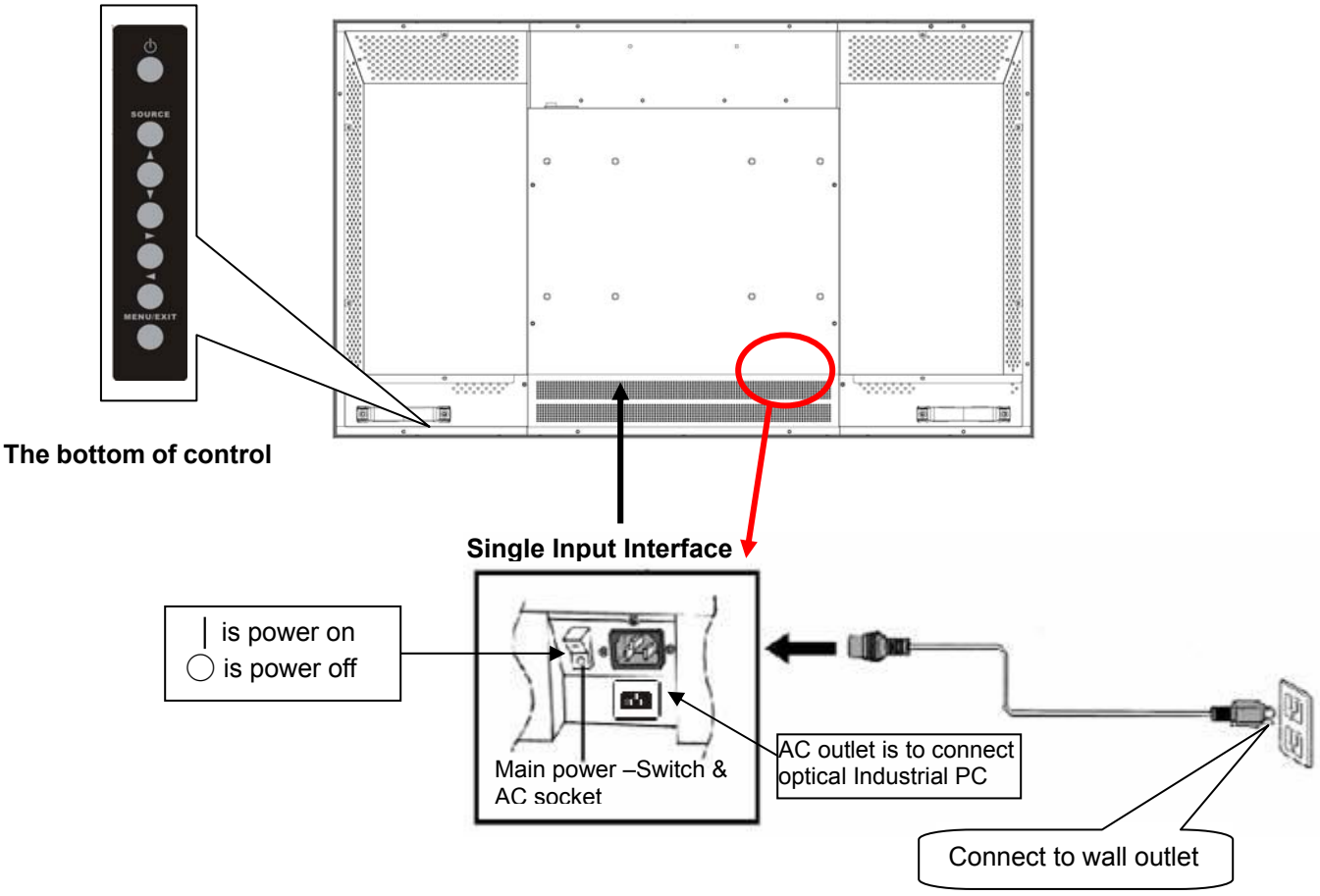
- Operating temperature： 5℃ ~ 40℃ (Fahrenheit : 41℉ ~ 104℉)
- Humidity： max. 85%

Power Input

Power Cord

AC Power cord
This power cord is used to connect the side controls of the LCD monitor and the wall outlet.
Connect the power cord into main power of the monitor, and "|" is power on, "O" is power off.

Electrical Input: 100-240V~ 3A 50/60Hz



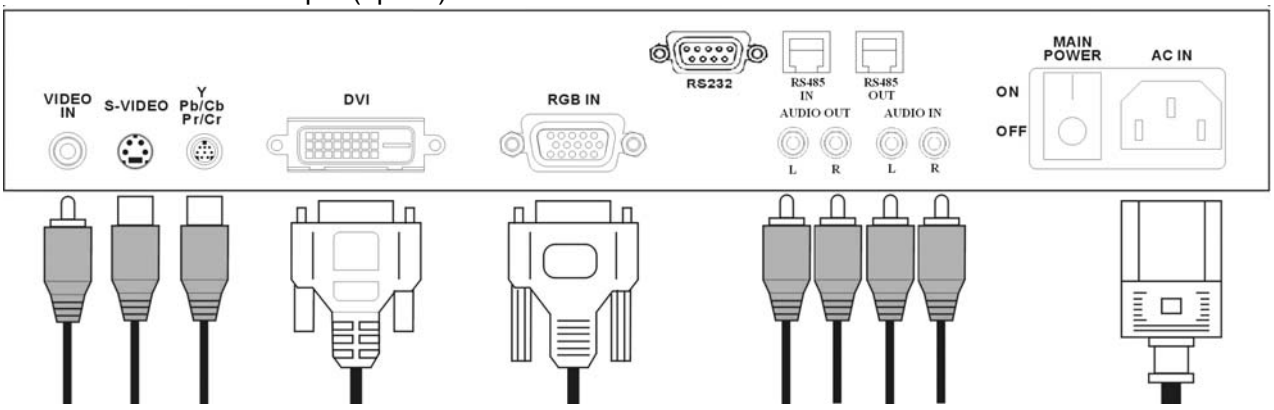
- Connect the power cord that comes with your LCD Monitor to the power socket on the right hand side of LCD Monitor. Then, connect the plug of the power cord to a power source.
- Press the power switch (0: Off, 1: On) to turn the LCD Monitor on. When the orange indicate lights on, your LCD Monitor is in the standby mode.
- When using IPC device, need to connect the power cord of the adapter that comes with your IPC to the AC outlet by the side of the AC socket.

Power Interface

- Main interface- switch & AC socket. Please see the chapter "**Power input** "
- The side controller of the monitor
- The remote control (RCU)

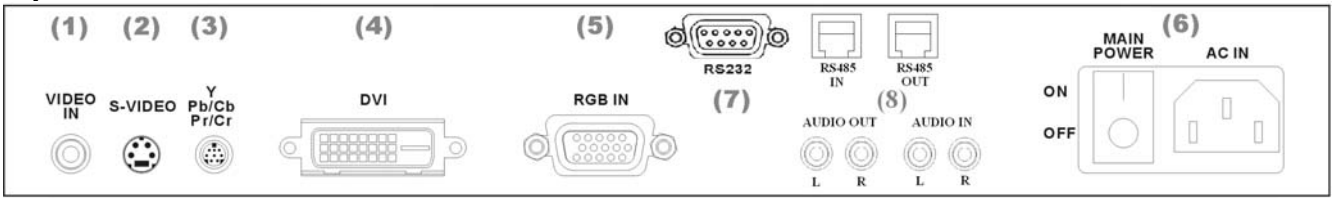
Connectors

- Video (RCA) input
- S-Video input
- Component Y Pb/Pr input
- DVI (DVI-D) input
- RGB(VGA) input
- RS-232C/RS485 input (option)



Single Source Input

Input Interface



NO.	Name	Remarks
1	Video-IN input connecter	RCA
2	S-video input connecter	Mini Din 4 pin
3	Y-Pb-Pr (Y-Cb-Cr) inputs	Mini Din 8 pin
4	DVI input connecter	DVI-D 24 pin
5	RGB input connecter	D-Sub 15 pin
6	Power cord input	
7	RS232C-IN input (option)	D-Sub 9 pin
8	Audio input/output terminals	RCA

The Video Signals Input

You can select Video input form 3 connections below:

Video signals	Connection type	Signal
Video	RCA	NTSC/PAL
S-Video	4 stitches	NTSC/PAL
(Y Pb/Cb Pr/Cr)	8 stitches	NTSC/PAL

- A suitable signal is automatically selected..

The RGB Signals input

You can select RGB input for 2 connections as below:

RGB signals	Connection type	Signal
RGB Analog VGA	15 pins	RGB Analog
RGB Digital DVI-D	DVI-D 24 pins	RGB Digital

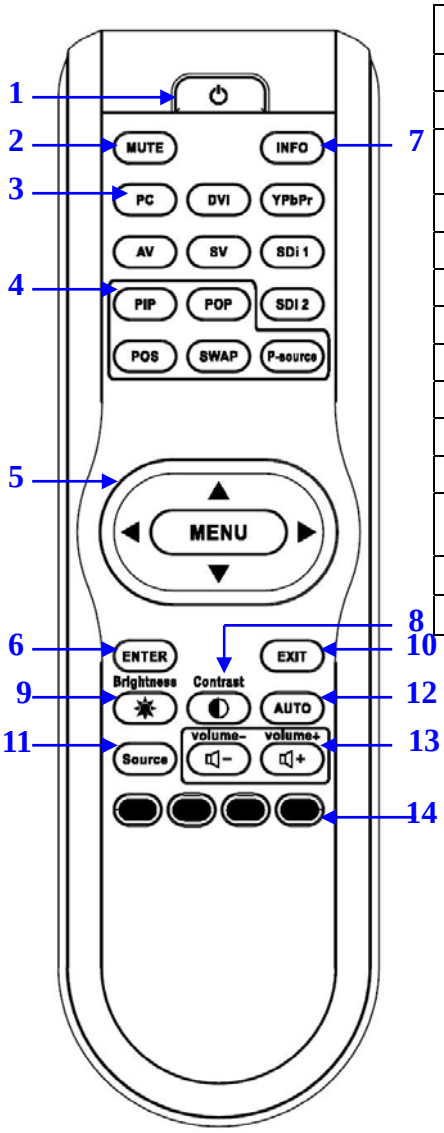
Command delivery	Connection type	Function
RS-232C(Option)	9 pin	communication port

Operating The Monitor

The Side Controller Of The Monitor

Button	Function
⏻ POWER	Press button to turn your LCD Monitor on and off.
SOURCE	Press button to select an input source (sequence of inputs varies when input modules are different) VGA→DVI→AV→S-Video→YPbPr (cyclical)
▲/▼	Press button to select an item up and down in OSD mode.
◄/►	A. Press button to select an item left and right in OSD mode. B. Press button to adjust volume in display mode. "< "reduce volume; ">" increase volume.
MENU/EXIT	Press button to call out the OSD menu and select OSD menus according to the following sequence: Picture→Sound→Function→PC→OSD

The Remote Control (RCU) Instructions



No.	Key	Description
1	POWER	Power ON / OFF
2	MUTE	Volume decrease
3	PC, DVI, YPbPr AV, SV	Input source selection SDi 1 and SDi 2 will be no function.
4	PIP	PIP function selection
5	▲▼►◄, MENU	OSD menu selection
6	ENTER	ENTER the OSD slection
7	INFO	Show out OSD information
8	Contrast	Contrast value adjustment
9	Brightness	Brightness value adjustment
10	EXIT	OSD menu/ Exit and one level up
11	Source	Input source selection
12	AUTO	Adjust clock, phase, H & V position automatically
13	Volume +/ -	Volume adjustment
14	R,G,B,yellow	No function

Change The RCU Battery (RCU option)

i. Take out the back cover as picture (1).
ii. Replace with the new batteries as picture (2), 2 batterys(AAA, DC 3V) make sure the polarities of batteries are correct.
iii. Place the back cover as picture(3).
iv. Used batteries needed to follow the city rule to be discarded.
v. Avoid keeping used, old batteries inside the remote control, causing leakage of internal liquid resulting metal rust or fatal damage to the remote control hand unit.
vi. Battery to be used according to the instruction

CAUTION

- Risk of explosion if batty is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.

About the remote controllers

- Please don’t drop, shake or bump.
- Please don’t place on wet materials.
- Please don't dismantle.
- Please don’t place in locations exposed to high-temperature or high-humidity levels..

Display Mode

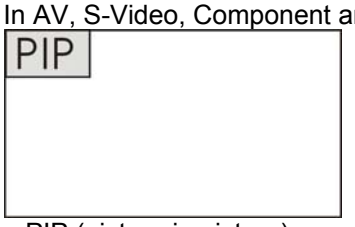
Main Source mode

The main source mode will be changed in the sequence as follows: **VGA/DVI/ Composite (AV) / S-Video/ Component (YPbPr)** by remote control or press "**MENU**"->"▼" by the side controller of the monitor.

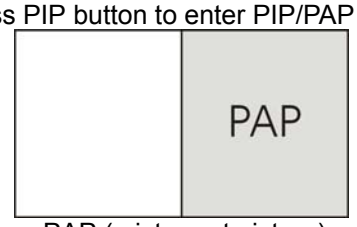
PIP(sub source) mode

PIP & PAP Screen

- In AV, S-Video, Component and PC mode, press PIP button to enter PIP/PAP Screen.



PIP (picture in picture)

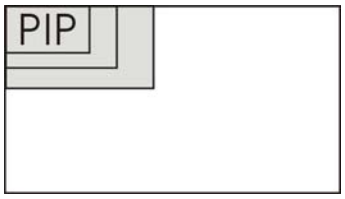


PAP (picture at picture)

- This LCD Monitor provides a variety of PIP/PAP screens, press PIP button will be cycling according to the following sequences.
  PIP(Small)→PIP(Medium)→PIP(Large)→PAP →Off (cyclical)

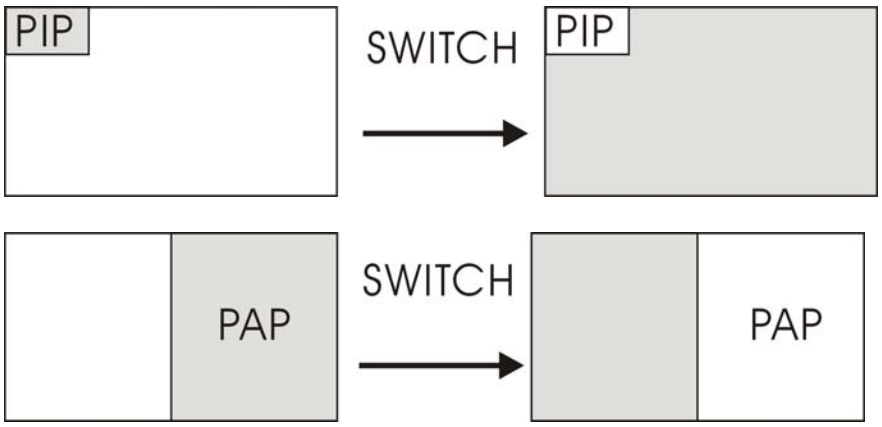
PIP Size

- Press the PIP key to change the PIP Size of the PIP screen between 20%, 25%, 33.3%.



Switch function

- Press the "Switch" key to change the content between the primary and the PIP & PAP screen



OSD (On Screen Display) Menu Function

Main Menu		Sub-Menu	Description	Setting
	Picture (Video mode)	Contrast	Adjust the contrast of the screen	0~60
		Brightness	Adjust the brightness of the screen	0~60
		Hue	Adjust the picture hue of the screen	0~60
		Saturation	Adjust the picture saturation of the screen	0~60
		Sharpness	Adjust the picture sharpness of the screen	0~60
		Recall	Reset to the factory default setting	OFF,ON
	Sound	Volume	Adjust the volume of the audio	0~60
		Bass	Adjust the bass of the audio	0~60
		Treble	Adjust the treble of the audio	0~60
		Balance	Adjust the balance of the audio	0~60
		Recall	Reset to the factory default setting	OFF,ON
	Advanced	Color-Temp	Select 4 kinds of the color temperature setting	WARM, NORMAL, COOL, USER
		Color-R	Red color enhancement of user mode	0 ~ 60(only on user mode)
		Color-G	Green color enhancement of user mode	0 ~ 60(only on user mode)
		Color-B	Blue color enhancement of user mode	0 ~ 60(only on user mode)
		Auto-Adjust	Auto adjustment on position, phase and clock of the picture	OFF,ON
		Auto-Color	Auto white-color adjustment	OFF,ON
		Recall	Reset to the factory default setting	OFF,ON
	Advanced (Video mode)	Color-Temp	Select 3 kinds of the color temperature setting	WARM, NORMAL, COOL
		Video mode	Select 4 kinds of the picture scene mode	NORMAL, MOVIE, VIVID, SPORT
		Aspect	Select 4 kinds of the picture ratio	FULL,NORMAL, ZOOM1,ZOOM2
		Noise Mode	Select 4 kinds of the single noise	OFF, LOW, MIDDLE, HIGH
		Skin Tone	Select 4 kinds of the skin tone of the screen	OFF, LOW, MIDDLE, HIGH
		Blight Light	Adjust 3 kinds of the brightness of the screen	LOW, MIDDLE, HIGH
		Recall	Reset to the factory default setting	OFF,ON
	PC (RGB mode)	Contrast	Adjust the contrast of the screen	0~60
		Brightness	Adjust the brightness of the screen	0~60
		H-Position	Move the picture horizontal position on the screen	0~60
		V-Position	Move the picture vertical position on the screen	0~60
		Clock	Adjust the display clock	0~60
		Phase	Adjust the display phase	0~60
		Recall	Reset to the factory default setting	OFF,ON
	System	System ID	Set ID number of Display	00~60
		Show ID	Show ID number of Screen	OFF,ON
		PIP Size	Adjust the PIP size	OFF, SIZE1,SIZE2,SIZE3
		PIP Position	Move 4 kinds of the PIP position on Screen	LEFT-UP, RIGHT-UP, RIGHT-DOWN, LEFT-DOWN

Main Menu		Sub-Menu	Description	Setting
		POP Function	Open POP function	OFF,ON
		Information	Display Resolution	OFF,ON
		Key Lock	Select the OSD key pad lock on the monitor	OFF,ON
		Recall	Reset to the factory default setting	OFF,ON
	OSD	Language	Language setting	ENGLISH(Only)
		H-Position	Adjust the OSD menu horizontal position	LEFT, MIDDLE, RIGHT
		V-Position	Adjust the OSD menu vertical position	UP, MIDDLE, DOWN
		Time	Adjust the OSD menu duration	LEFT, MIDDLE, RIGHT
		Translucent	Adjust the OSD menu translucent	LEFT, MIDDLE, RIGHT
		Recall	Reset to the factory default setting	OFF,ON

Quick Adjustment :

- *Volume decreasing => Press "◀"on the side controller of the monitor*
- *Volume increase => Press "▶" on the side controller of the monitor*
- *Input source select => press "**Source**" on the side controller of the monitor*

OSD Operating

Structure of OSD Menus

Picture

Press "**MENU/EXIT**" to enter the OSD menu
Press"▶" to enter **Picture** setting
Press"▼" to select the **Contrast,Brightness, H-Position, V-Position, Clock, Phase, Recall** setting
Press"▶" or "◀"to adjust the value or select the **Recall** setting.
Press"**MENU/EXIT**" to exit the OSD menu.

Sound

Press "**MENU/EXIT**" to enter the OSD menu
Press"▼" and then press "▶"to select **Sound** setting.
Press"▼" to select the **Volume, Bass, Treble, Balance, Recall** setting
Press"▶" or "◀"to adjust the value.
Press"**MENU/EXIT**" to exit the OSD menu.

Advanced

Press “**MENU/EXIT**” to enter the OSD menu
Press”▼” twice and then press “▶”to select **Advanced** setting.
Press”▼” to select the **Color-Temp, Color-R,Color-G,Color-B, Auto Adjust, Auto Color, Recall** setting
Press“▶” or “◀”to adjust the value or select **Auto Adjust, Auto Color, Recall** the setting.
Press“**MENU/EXIT**” to exit the OSD menu.

OSD

Press “**MENU/EXIT**” to enter the OSD menu
Press”▼” three times and then press “▶”to select **OSD** setting.
Press”▼” to select the **Language, H-Position,V-Position, Time, Translucent, Recall** setting
Press“▶” or “◀”to select the **Sub-Menu** setting
Press“**MENU/EXIT**” to exit the OSD menu.

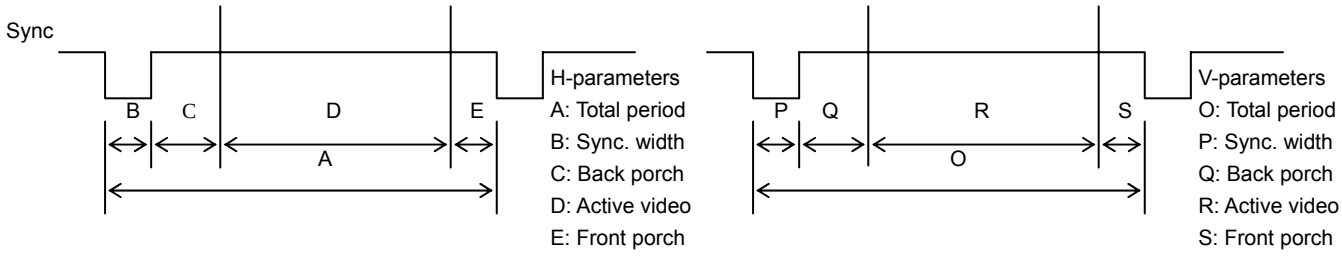
System

Press “**MENU/EXIT**” to enter the OSD menu
Press”▼” four times and then press “▶”to select **System** setting.
Press”▼” to select the **System ID,Show ID,PIP Size, PIP Position, POP Function, Information, Key Lock, Recall** setting
Press“▶” or “◀”to adjust the **ID number** or select the **Sub-Menu** setting.
Press“**MENU/EXIT**” to exit the OSD menu.

Default Setting

Item	Default
Power switch	Off
Brightness	60
Contrast	30
Color temp.	Cool
Language	English
Auto Adjust	Off

Supported Timing



Video Mode		fH (kHz)	fV (Hz)	Dot clock (MHz)	Sync polarity		Horizontal (dot)					Vertical (line)					Analog	Digital	Component	S-Video	Composite
					H	V	A	B	C	D	E	O	P	Q	R	S					
VESA	VGA 640x480	31.469	59.940	25.175	N	N	800	96	48	640	16	525	2	33	480	10	O	O			
		37.861	72.809	31.500	N	N	832	40	128	640	24	520	3	28	480	9	O	O			
		37.500	75.000	31.500	N	N	840	64	120	640	16	500	3	16	480	1	O	O			
		43.269	85.008	36.000	N	N	832	56	80	640	56	509	3	25	480	1	O	O			
	SVGA 800x600	35.156	56.250	36.000	P	P	1024	72	128	800	24	625	2	22	600	1	O	O			
		37.879	60.317	40.000	P	P	1056	128	88	800	40	628	4	23	600	1	O	O			
		48.077	72.188	50.000	P	P	1040	120	64	800	56	666	6	23	600	37	O	O			
		46.875	75.000	49.500	P	P	1056	80	160	800	16	625	3	21	600	1	O	O			
		53.674	85.06	56.250	P	P	1048	64	152	800	32	631	3	27	600	1	O	O			
	WXGA 1360x768	47.712	60.015	85.5	P	P	1792	112	256	1360	64	795	6	18	768	3	O	O			
	SXGA 1152x864	67.500	75.000	108.000	P	P	1600	128	256	1152	64	900	3	32	864	1	O	O			
	SXGA 1280x1024	63.981	60.020	108.000	P	P	1688	112	248	1280	48	1066	3	38	1024	1	O	O			
		79.976	75.025	135.000	P	P	1688	144	248	1280	16	1066	3	38	1024	1	O	O			
		91.146	85.024	157.500	P	P	1728	160	224	1280	64	1072	3	44	1024	1	O	O			
	UXGA 1600x1200	75.00	60.00	162	P	P	2160	192	304	1600	64	1250	3	46	1200	1	O	O			
SDTV	NTSC	15.734	29.97	13.500															O	O	O
	PAL	15.625	25.00	13.500															O	O	O
EDTV	480p	31.500	60.00	27.03	N	N	858	62	60	720	16	525	6	30	480	9			O		
	576p	31.250	50.00	27.00	N	N	864	64	68	720	12	625	5	39	576	5			O		
HDTV	720p	37.500	50	74.25	N	N	1980	40	220	1280	440	750	5	20	720	5			O		
		45.000	60	74.250	P	P	1650	40	220	1280	110	750	5	20	720	5			O		
		44.995	59.94	74.176	P	P	1650	40	220	1280	110	750	5	20	720	5			O		
	1080i	28.13	50.00	74.25	P	P	2640	44	148	1920	528	1125	5	38	1080	4			O		
		33.716	59.94	74.176	P	P	2200	44	148	1920	88	1125	5	38	1080	4			O		
		33.750	60	74.25	P	P	2200	44	148	1920	88	1125	5	38	1080	4			O		

Specification

ITEMS			SPECIFICATION	
Panel		Screen Size	47” TFT-LCD Panel	
		Aspect Ratio	16：9	
		Resolution	1920 x 1080 (HDTV)	
		Display Area (opening) H x V	1039.68mm x 584.82 mm	
		Pixel Pitch	0.5415(H)mm x 0.1805(V) mm	
		Display colors	16.7 M colors (8bit)	
		Contrast Ratio	1500 : 1 (typical)	
		Brightness	500 cd / m^2 (typical)	
		Viewing Angle	H/V= 176^o (typical)	
		Response Time (GTG)	6.5ms (typical)	
Video Input		Composite Signal	CVBS	X 1
		Y / C Signal	S – Video	X 1
		Component Signal	Y/Pb/Pr / Y/Cb/Cr	X 1
PC Input	Digital	DVI	DVI 1.0	X 1
	Analog	Signal Connection	D-Sub 15 pin	X 1
		PnP compatibility	DDC / 2B	
		Scanning Frequency	f_H = 31.5 ~ 70KHz / f_V = 56 ~ 85Hz	
		Recommended	1920 x 1080 (60Hz)	
		HDTV Ready	576P, 720P, 1080i	
		Software upgrade	RS-232C	X1
Audio Input		Audio (L/R)	RCA –Jack (for component, Composite, S-Video)	X 1
Audio Output		Amplifier	4ohm / 10W +10W (rms) @THD < 1%	
		Line Out	RCA -Jack (L / R)	
Feature		OSD Language	English	
		Function Keys	Power, Source , Menu , ▲/▼◄/►	
		Video Performance	Picture in Picture (PIP), Picture at Picture (PAP) , 3D Comb-filter, Auto Picture Control	
Power		Power Supply	AC ~100V -240V , 50 / 60Hz,	
		Power Consumption	≦410 W(Included IPC)	
		Power saving Mode	≦ 20 W	
Operation Condition		Temperature	0^{o}C ~ 40^{o}C(32^{o}F ~ 104^{o}F)	
		Humidity	10% to 90% ((non-condensing)	
Dimension		Physical (W x H x D)	1139.4mm x 684.4 mm x 127.9 mm (Without Stand)	
		Wall Mount	200mm x 200mm, 100mm x 200mm	
Weight		Net Weight (Without Accessories)	40.0kg	
		Gross Weight	48.0kg	
Accessories		User manual, Remote control with battery, Power cable, DVI-D cable, VGA cable, USB cable, Audio cable (RCA to stereo phone jack)		

Troubleshooting

Before calling service personnel, please check the following chart for a possible cause to the trouble you are experiencing.

- Perform the adjustments according to page 10 "**Operation The Monitor**"
- Refer to the following items if you can't find a proper item listed in the Operating the Monitor or if the problem remain.
- if the problem you have experienced isn't described below or you can't correct the problem, stop using the monitor and call service personnel or your dealer.

Problem	Check these things
No Display	Check the power plug insert on wall outlet..
	Check the main power switch
	If AC socked is OK, please check another set of equipment.
	Check input single, the signal may not be suitable.
Display is not in the center.	If the signal timing of the computer is within the spec.
Display is shaking.	If the signal timing of the computer is within the spec.
The remote control doesn't work	Make sure the battery is inserted matching the + and – marks of the battery compartment.
	The battery may be exhausted..
	Use the remote control aiming at the remote control sensor.
The picture color is pale, or not clear	Check picture quality to adjust.
	If you are using YUV terminals, make sure cables are correctly connected.

Compliance

FCC Compliance Statement:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Warning
This is class A products. In a domestic environment this product may
Cause radio interference in which case the user may be required to take adequate measures.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

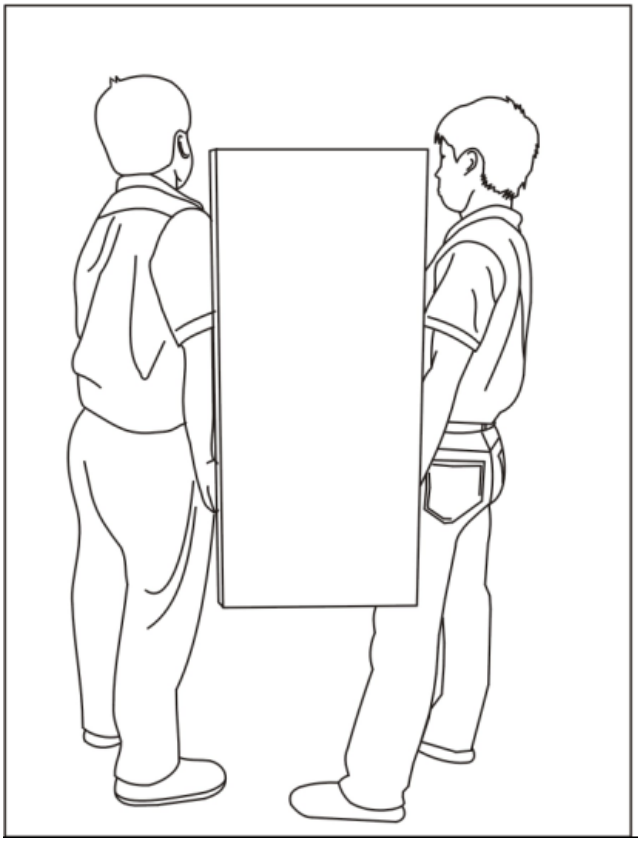
CE:

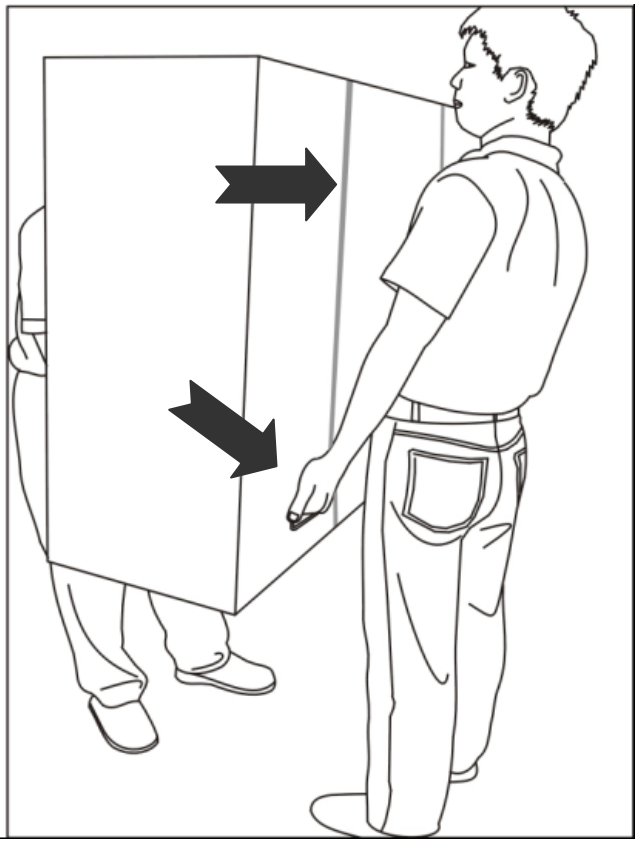
EN 55022、EN 61000-3-2、EN-61000-3-3
EN 55024、IEC61000-4
EN 60950 [Low-Voltage Directive (2006/95/EC)]

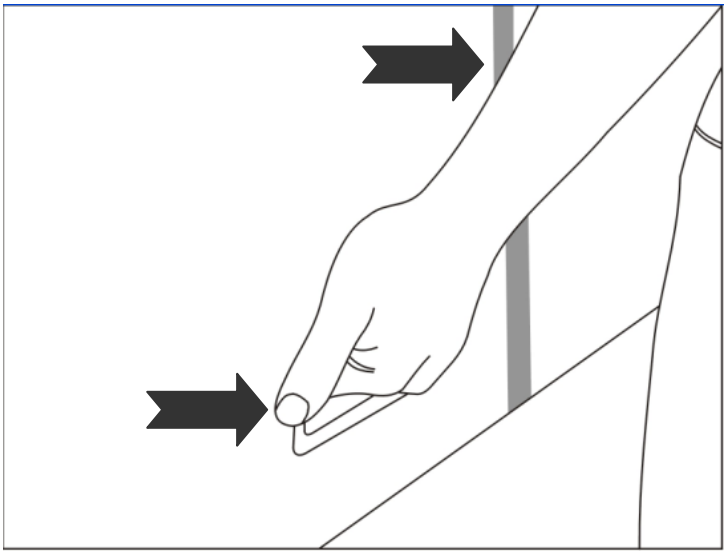
Appendix

◆ **Moving Notice:**

Moving the monitor requires at least two people. If not, it may drop and a serious injury may result. Moving/shopping the monitor, please hold the white handles and be sure to make the bundle. If not, it may drop and a serious injury may result. Please see as below pictures.





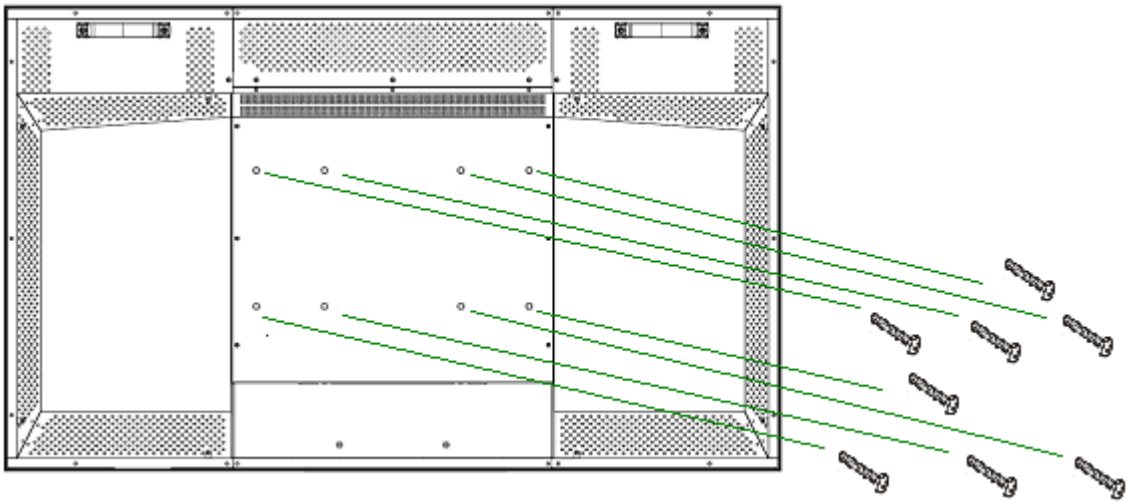


◆ Installation Wall Mount kit

- The installation, please follow this manual instructions and refer all servicing to qualified service personnel.
- Moving the monitor requires at least two people.if not, it may drop and a series injury may result.
- Before installing, Please check the installing manual in wall mount kit box.
- Before installing, Please make sure the wall is strong enough ex. A solid cement wall.

Step 1. Keep the display facing the ground and place it on the flat object.

Step 2. Unscrew 8 screws on the back cover



Step 3. Install the mounting unit.
Please follow the installing manual in wall mount kit box.